

Water-Data Report 2008

405909073574101 Local number 030722- MW150

 Sand and gravel aquifers (glaciated regions)
 Stratified Drift

Bergen County, NJ

LOCATION.--Lat 40°59'09", long 73°57'41" referenced to North American Datum of 1983, Norwood Borough, Bergen County, NJ, Hydrologic Unit 02030103.

WATER-QUALITY RECORDS

WELL CHARACTERISTICS.--Depth 18.75 ft. Upper casing diameter 2 in; top of first opening 13.75 ft, bottom of last opening 18.75 ft.

DATUM.--Land-surface datum is 36 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

PERIOD OF RECORD.--Water years 2004, 2008.

REMARKS.--New Jersey Department of Environmental Protection Watershed Management Area 5. Urban Land Use Indicator.

COOPERATION.--Physical measurements and samples for laboratory analyses were provided by personnel of the New Jersey Department of Environmental Protection.

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 1 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

Date	Time	Depth to water level, feet below	Pump or flow rate, instantaneous	Turbidity white light, 90+/-30	Barometric pressure, mm Hg	Dissolved oxygen, mg/L	pH, unfltrd	Specific conductance, µS/cm	Temperature, water, deg C	Hardness, water, mg/L as CaCO3	Calcium water, mg/L
	LSD (72019)	(00059)	Flow period prior to sampling, minutes	Baro-metric pres-ure, corrctd	NTRU (63676)	(00025)	Disolved oxygen, percent of saturation	water, field, std units	Temp-ature, wat unf (00095) deg C	water, (00010) deg C	water, (00900) (00915)
Jul											
14...	1015	5.70	.50	45	3.3	757	5.4	53	7.8	718	14.2
28...	1030	5.70	.50	30	1.2	758	4.8	47	7.7	714	14.3
											250
											71.9

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 2 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

Date	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)	Sodium, water, fltrd, mg/L (00930)	ANC, end pt, mg/L as CaCO3 (90410)	Alkalinity, inf tit, mg/L as CaCO3 (39086)	Bicarbonate, infl tit, mg/L (00453)	Chloride, titr., mg/L (00940)	Fluoride, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO2 (00955)	Sulfate, water, fltrd, mg/L (00945)	Residue water, fltrd, sum of constituents, 180degC (70301)	Residue water, evap. at 180degC (70300)	Ammonia + org-N, water, fltrd, mg/L as N (00623)
Jul	--	--	--	--	150	182	--	--	--	--	--	--	--
14...	--	--	--	--	154	148	180	112	<.12	18.5	24.3	E383	423
28...	16.7	1.30	41.9	154	148	180							E.07

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

Date	Nitrate + Ammonia water, filtrd, mg/L as N (00608)		Ortho- phos- phate, water, filtrd, mg/L as N (00631)		Organic carbon, water, filtrd, mg/L as P (00671)		Alum- inum, water, filtrd, μg/L (00681)		Anti- mony, water, filtrd, μg/L (01095)		Arsenic water, filtrd, μg/L (01000)		Barium, water, filtrd, μg/L (01005)		Beryll- ium, water, filtrd, μg/L (01010)		Boron, water, filtrd, μg/L (01020)		Cadmium water, filtrd, μg/L (01025)		Chrom- ium, water, filtrd, μg/L (01030)	
	nitrite water mg/L as N (00613)	Nitrite water, filtrd, mg/L as N (00613)	Nitrite water, filtrd, mg/L as N (00613)	Nitrite water, filtrd, mg/L as N (00613)	Organic carbon, water, filtrd, mg/L as P (00671)	Organic carbon, water, filtrd, mg/L as P (00671)	Alum- inum, water, filtrd, μg/L (01096)	Alum- inum, water, filtrd, μg/L (01096)	Anti- mony, water, filtrd, μg/L (01095)	Anti- mony, water, filtrd, μg/L (01095)	Arsenic water, filtrd, μg/L (01000)	Arsenic water, filtrd, μg/L (01000)	Barium, water, filtrd, μg/L (01005)	Barium, water, filtrd, μg/L (01005)	Beryll- ium, water, filtrd, μg/L (01010)	Beryll- ium, water, filtrd, μg/L (01010)	Boron, water, filtrd, μg/L (01020)	Boron, water, filtrd, μg/L (01020)	Cadmium water, filtrd, μg/L (01025)	Cadmium water, filtrd, μg/L (01025)	Chrom- ium, water, filtrd, μg/L (01030)	Chrom- ium, water, filtrd, μg/L (01030)
Jul																						
14...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
28...	<.020	1.71	<.002	.019	.7	E1.5	<.14	.20	181	<.01	29	<.04	1.0									

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

Date	Copper, water, filtrd, μg/L (01040)		Iron, water, filtrd, μg/L (01046)		Lead, water, filtrd, μg/L (01049)		Manganese, water, filtrd, μg/L (01056)		Mercury, water, filtrd, μg/L (71890)		Nickel, water, filtrd, μg/L (01065)		Selenium, water, filtrd, μg/L (01145)		Silver, water, filtrd, μg/L (01075)		Thallium, water, filtrd, μg/L (01057)		Zinc, water, filtrd, μg/L (01090)		1-Naphthal-, water, filtrd, 0.7u GF (49295)		2,6-Diethyl- aniline, water, filtrd, 0.7u GF (82660)		2-Chloro- acetanilide, water, filtrd, μg/L (61618)	
	water, filtrd, μg/L (01040)	water, filtrd, μg/L (01046)	water, filtrd, μg/L (01049)	water, filtrd, μg/L (01056)	water, filtrd, μg/L (71890)	water, filtrd, μg/L (01065)	water, filtrd, μg/L (01145)	water, filtrd, μg/L (01075)	water, filtrd, μg/L (01057)	water, filtrd, μg/L (01090)	water, filtrd, μg/L (49295)	water, filtrd, μg/L (82660)	water, filtrd, μg/L (61618)													
Jul																										
14...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
28...	<1.0	<8	<.08	.6	<.010	.29	.14	<.1	<.04	<1.8	<.04	<.006	<.010													

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

Date	2-Ethyl- -6-methyl- CIAT, water, filtrd, μg/L (04040)		3,4-Di- chloro- aniline (61620)		3,5-Di- chloro- aniline (61625)		4-Chloro- 2methyl- phenol (61627)		Aceto- chlor, water, filtrd, μg/L (61633)		Alpha- Endo- sulfan, water, filtrd, μg/L (49260)		Atra- zine, water, filtrd, μg/L (46342)		Azin- phos- methyl- oxon, water, filtrd, μg/L (34362)		Azin- phos- methyl- water, filtrd, μg/L (39632)		Benz- flur- alin, water, filtrd, μg/L (61635)		Car- baryl, water, filtrd, μg/L (82680)	
	water, filtrd, μg/L (04040)	water, filtrd, μg/L (61620)	water, filtrd, μg/L (61625)	water, filtrd, μg/L (61627)	water, filtrd, μg/L (61633)	water, filtrd, μg/L (49260)	water, filtrd, μg/L (46342)	water, filtrd, μg/L (34362)	water, filtrd, μg/L (39632)	water, filtrd, μg/L (61635)	water, filtrd, μg/L (82680)	water, filtrd, μg/L (34362)	water, filtrd, μg/L (39632)	water, filtrd, μg/L (61635)	water, filtrd, μg/L (82680)	water, filtrd, μg/L (34362)	water, filtrd, μg/L (39632)	water, filtrd, μg/L (61635)	water, filtrd, μg/L (82680)	water, filtrd, μg/L (34362)	water, filtrd, μg/L (39632)	water, filtrd, μg/L (61635)
Jul																						
14...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
28...	<.014	<.010	<.006	<.008	<.005	<.006	<.006	<.006	<.006	<.007	<.06	<.120	<.010	<.060								

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 6 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

Date	Carbo-furan, water, fltrd, 0.7u GF	Chlor-pyrifos oxon, water, fltrd,	cis-Chlor-pyrifos water, fltrd,	Per-methrin water, fltrd, 0.7u GF	cis-Propi-conazole, water, fltrd, 0.7u GF	Cyana-zine, water, fltrd, 0.7u GF	Cyflu-thrin, water, fltrd, 0.7u GF	Iambda-thrin, water, fltrd, 0.7u GF	Cyhalo-thrin, water, fltrd, 0.7u GF	Cypermethrin water, fltrd, 0.7u GF	DCPA, water, fltrd, 0.7u GF	Desulf-inyl-fipro-nil, water, fltrd, 0.7u GF	Diazi-non, water, fltrd, 0.7u GF	Dicrotophos, water, fltrd, 0.7u GF
	µg/L (82674)	µg/L (61636)	µg/L (38933)	µg/L (82687)	µg/L (79846)	µg/L (04041)	µg/L (61585)	µg/L (61595)	µg/L (61586)	µg/L (82682)	µg/L (62170)	µg/L (39572)	µg/L (38454)	
Jul														
14...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.020	<.06	<.005	<.010	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 7 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

Date	Diel-drin, water, fltrd, 0.7u GF	Dimeth-oate, water, fltrd, 0.7u GF	Disulf-ton, sulfone water, fltrd, 0.7u GF	Disul-foton, water, fltrd, 0.7u GF	Endo-sulfan water, fltrd, 0.7u GF	EPTC, water, fltrd, 0.7u GF	Ethion monoxon water, fltrd, 0.7u GF	Ethion, water, fltrd, 0.7u GF	Etho-prop, water, fltrd, 0.7u GF	Fenami-phos sulfone water, fltrd, 0.7u GF	Fenami-phos sulfide water, fltrd, 0.7u GF	Fenami-phos sulfide water, fltrd, 0.7u GF	Desulf-inyl-fipro-nil water, fltrd, 0.7u GF	
	µg/L (39381)	µg/L (82662)	µg/L (61640)	µg/L (82677)	µg/L (61590)	µg/L (82668)	µg/L (61644)	µg/L (82346)	µg/L (82672)	µg/L (61645)	µg/L (61646)	µg/L (61591)	µg/L (62169)	
Jul														
14...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.009	<.006	<.01	<.04	<.022	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 8 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

Date	Fipro-nil sulfide water, fltrd, 0.7u GF	Fipro-nil sulfone water, fltrd, 0.7u GF	Fipro-nil, water, fltrd, 0.7u GF	Fonofos water, fltrd, 0.7u GF	Hexa-zinone, water, fltrd, 0.7u GF	Ipro-dione, water, fltrd, 0.7u GF	Isofen-phos, water, fltrd, 0.7u GF	Mala-oxon, water, fltrd, 0.7u GF	Mala-thion, water, fltrd, 0.7u GF	Meta-laxyl, water, fltrd, 0.7u GF	Methid-athion, water, fltrd, 0.7u GF	Methyl-paraoxon, water, fltrd, 0.7u GF	Methyl-parathion, water, fltrd, 0.7u GF	
	µg/L (62167)	µg/L (62168)	µg/L (62166)	µg/L (04095)	µg/L (04025)	µg/L (61593)	µg/L (61594)	µg/L (61652)	µg/L (39532)	µg/L (61596)	µg/L (61598)	µg/L (61664)	µg/L (82667)	
Jul														
14...	--	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.013	<.024	<.020	<.010	<.008	<.01	<.006	<.020	<.016	<.007	<.004	<.01	<.008	

Water-Data Report 2008

405909073574101 Local number 030722- MW150—Continued

**WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Part 9 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

		Moli-	nate,	Oxy-	Pendi-								
	Metola-	Metri-	butanil	fluor-	meth-								Propy-
	chlor,	buzin,		fen,									zamide,
	water,	water,		water,									water,
	fltrd,	fltrd,		fltrd,									fltrd
Date	μg/L (39415)	μg/L (82630)	μg/L (82671)	μg/L (61599)	μg/L (61600)	μg/L (82683)	μg/L (61666)	μg/L (82664)	μg/L (61668)	μg/L (61601)	μg/L (04037)	μg/L (04036)	μg/L (82676)
Jul													
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<010	<012	<.003	<010	<.006	<012	<.03	<.040	<.06	<.008	<.01	<.006	<.004

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 10 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

	Propanil, water, filtrd 0.7u GF	Propar- gite, water, filtrd 0.7u GF	Sima- zine, water, filtrd 0.7u GF	Tebu- thiuron, water, filtrd 0.7u GF	Teflu- thrin, water, filtrd 0.7u GF	Ter- bufos oxon sulfone	Terbu- fos, water, filtrd 0.7u GF	Ter- butyl- azine, water, filtrd 0.7u GF	Thio- bencarb water, filtrd 0.7u GF	trans- Propi- conazole, water, filtrd 0.7u GF	Tri- flu- ralin, water, filtrd 0.7u GF	1,1,1- trichloro- ethane, water, unfiltrd 0.7u GF	
Date	µg/L (82679)	µg/L (82685)	µg/L (04035)	µg/L (82670)	µg/L (61606)	µg/L (61674)	µg/L (82675)	µg/L (04022)	µg/L (82681)	µg/L (79847)	µg/L (61610)	µg/L (82661)	µg/L (34506)
Jul	--	--	--	--	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<006	<.04	<.006	<.02	<.003	<.04	<.02	<.01	<.010	<.02	<.035	<.009	<1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 11 of 13

[Remark codes: < less than; E estimated; R radchem non-detect, below ssLc.]

	[Nonmark sources: <, 1800 than; E, estimated; R, radon not detect; B, below detect]												
	1,1-Di-chloro-ethane, water, unfiltrd	1,1-Di-chloro-ethene, water, unfiltrd	1,2-Di-chloro-benzene water, unfiltrd	1,2-Di-chloro-ethane, water, unfiltrd	1,2-Di-chloro-propane water, unfiltrd	1,3-Di-chloro-benzene water, unfiltrd	1,4-Di-chloro-benzene water, unfiltrd	Bromo-di-chloro-methane water, unfiltrd	Tri-bromo-methane water, unfiltrd	Chloro-benzene water, unfiltrd	cis-1,2-Di-chloro-ethene, water, unfiltrd		
Date	µg/L (77652)	µg/L (34496)	µg/L (34501)	µg/L (34536)	µg/L (32103)	µg/L (34541)	µg/L (34566)	µg/L (34571)	µg/L (34030)	µg/L (32101)	µg/L (32104)	µg/L (34301)	µg/L (77093)
Jul													
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
28	<1	<1	<1	<1	<2	<1	<1	<1	<1	<1	<2	<1	<1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 12 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

Date	Di-bromo-chloro-methane water, unfltrd	Di-chloro-di-fluoro-methane methane wat unf	Di-chloro-methane water, unfltrd	Di-ethyl ether, water, unfltrd	Diisopropyl ether, water, unfltrd	Ethyl-benzene water, unfltrd	Methyl-tert-pentyl water, unfltrd	meta-+ para-Xylene, water, unfltrd	o-Xylene, water, unfltrd	Styrene water, unfltrd	t-Butyl-ethyl water, unfltrd	Methyl-t-butyl ether, water, unfltrd	Tetra-chloro-ethene, water, unfltrd
	µg/L (32105)	µg/L (34668)	µg/L (34423)	µg/L (81576)	µg/L (81577)	µg/L (34371)	µg/L (50005)	µg/L (85795)	µg/L (77135)	µg/L (77128)	µg/L (50004)	µg/L (78032)	µg/L (34475)
Jul													
14...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.2	<.2	<.2	<.2	<.2	<.1	<.2	<.2	<.1	<.1	<.1	<.2	<.1

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 13 of 13

[Remark codes: <, less than; E, estimated; R, radchem non-detect, below ssLc.]

Date	Tetra-chloro-methane water, unfltrd	Toluene water, unfltrd	trans-1,2-Di-chloro-ethene, water, unfltrd	Tri-chloro-ethene, water, unfltrd	Tri-fluoro-methane water, unfltrd	Vinyl-chloride, water, unfltrd	Di-chlorovos, water, filtrd,	Alpha-radioac, 30 day, Th-230, pCi/L	Alpha-radioac, 72 hr, Th-230, pCi/L	Alpha-radioac, 30 day, Cs-137, pCi/L	Beta-radioac, 72 hr, wat flt	Beta-radioac, 72 hr, wat flt	Beta-radioac, Cs-137, pCi/L
	µg/L (32102)	µg/L (34010)	µg/L (34546)	µg/L (39180)	µg/L (34488)	µg/L (32106)	µg/L (39175)	µg/L (38775)	(62639)	(62636)	(62645)	(62642)	
Jul													
14...	--	--	--	--	--	--	--	--	R.7	R.6	1.9	1.3	
28...	<.2	<.1	<.1	<.1	<.2	.3	<.2	<.01	R-2.1	R.3	1.4	R1	